

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	David P. Craig)	
)	Art Unit: Unknown
Serial No.:	Unknown)	
)	
Filed:	Concurrently Herewith)	Examiner: Unknown
)	
For:	Methods and an Apparatus)	
	For Detecting Fracture)	
	With Significant)	
	Residual Width from)	
	Previous Treatments)	

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

OTHER PRIOR ART

Bourdet, D.: Well Test Analysis: The Use of Advanced Interpretation Models, Elsevier, New York City (2002);

Hopkins, C.W., et al.: "Screening Restimulation Candidates in the Antrim Shale," paper SPE 29172 presented at the 1994 SPE Eastern Regional Conference and Exhibition, Charleston, West Virginia, 8-10 November 1994;

Reis, J.C., Fisher, K., and Holcomb, D.: "Measuring Hydraulic Fracture Width Behind Casing Using a Radioactive Proppant," paper SPE 31105 presented at the 1996 SPE Formation Damage Control Symposium, Lafayette, Louisiana, 14-15 February 1996;

Ayoub, J.A., Bourdet, D.P., and Chauvel, Y.L.: "Impulse Testing," SPEFE p.534 (September 1988);

Ramey, H.J., Jr., Agarwal, R.G., and Martin, I.: "Analysis of 'Slug Test' or DST Flow Period Data," J. Cdn. Pet. Tech. p.37 (July-September 1975);

Nolte, K.G.: "Determination of Fracture Parameters From Fracturing Pressure Decline," paper SPE 8341 presented at the 1979 SPE Annual Technical Conference and Exhibition, Dallas, Texas, 23-25 September 1979;

Nolte, K.G.: "A General Analysis of Fracturing Pressure Decline With Application to Three Models," SPEFE p.571 (December 1986);

Valkó, P. and Economides, M.J.: "Coupling of Elasticity, Flow, and Material Balance," Hydraulic Fracture Mechanics, John Wiley & Sons, New York City Chap. 9, p.189-233 (1997);

Peres, A.M.M., Onur, M., and Reynolds, A.C.: "A New General Pressure-Analysis Procedure for Slug Tests," SPEFE p.292 (December 1993);

Rushing, J.A. et al.: "Analysis of Slug Test Data From Hydraulically Fractured Coalbed Methane Wells," paper SPE 21492 presented at the SPE Gas Technology Symposium, Houston, Texas, 23-25 January 1991; and

Xiao, J.J. and Reynolds, A.C.: "A Pseudopressure-Pseudotime Transformation for the Analysis of Gas Well Closed Chamber Tests," paper SPE 25879 presented at the 1993 SPE Rocky Mountain Regional/Low-Permeability Reservoirs Symposium, Denver, Colorado, 12-14 April 1993.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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